## **Certificate of Analysis**

## **Thioproperazine**

 Cat. No.:
 HY-A0151

 CAS No.:
 316-81-4

 Batch No.:
 277732

Chemical Name: 10H-Phenothiazine-2-sulfonamide,N,N-dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{30}N_4O_2S_2$ 

Molecular Weight: 446.63

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.90%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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